

Application No. 09/105,844
Amendment dated October 14, 2003
Reply to Office Action of October 6, 2003

IN THE CLAIMS

1-42 (Canceled)

43. (Currently Amended) A method comprising:

capturing an image in a digital imaging device to form a graphical object;
developing a device profile based at least in part on the conditions of image
capture;

associating said graphical object containing image data with said device profile;
and

transferring said graphical object and associated device profile from said imaging
device to dynamically generate an automatic profile.

44. (Currently Amended) The method of claim 43 wherein dynamically generating
[[a]] an automatic profile comprises:

storing a portion of the associated profile information in a profile file;
associating a filename with the profile; and
communicating the filename to the color management system.

45. (Previously Presented) The method of claim 44 wherein storing a portion of the
associated profile information comprises storing a value representative of a color relation
between an input color space and a profile color space.

46. (Previously Presented) The method of claim 45 wherein the stored value
comprises an illuminant tag value.

47. (Previously Presented) The method of claim 46 wherein the illuminant tag value
comprises a mediaWhitePointTag value.

Application No. 09/105,844
Amendment dated October 14, 2003
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48. (Previously Presented) The method of claim 44 further comprising storing a redColorantTag value and a greenColorantTag value and a blueColorantTag value.

49. (Previously Presented) The method of claim 44 including associating said graphical object containing image data with said device profile at the time of image capture.

50. (Currently Amended) An article comprising a medium storing instructions that, if executed, enable a processor-based digital imaging device to:

capture an image to form a graphical object;
develop a device profile based at least in part on the conditions of image capture;
associate said graphical object containing said image data with said device profile; and

transfer said graphical object and associated device profile from said digital imaging device to dynamically generate an automatic profile.

51. (Previously Presented) The article of claim 50 further storing instructions to:
store a portion of the associated profile information in a profile file;
associate a filename with the profile; and
communicate the filename to the color management system.

52. (Previously Presented) The article of claim 51 further storing instructions to store a value representative of a color relation between an input color space and a profile color space.

53. (Previously Presented) The article of claim 52 further storing instructions to store an illuminant tag value.

54. (Previously Presented) The article of claim 53 further storing instructions to store an illuminant tag value in the form of a mediaWhitePointTag value.

Application No. 09/105,844
Amendment dated October 14, 2003
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55. (Previously Presented) The article of claim 50 further storing instructions to store a redColorantTag value and a greenColorantTag value and a blueColorantTag value.

56. (Previously Presented) The article of claim 50 further storing instructions to associate said graphical object containing image data with said device profile at the time of image capture.

57. (Currently Amended) A system comprising:

a processor; and

a storage coupled to said processor, said storage storing instructions that, if executed, enable the processor to enable an imaging device to capture an image to form a graphical object to develop a device profile based at least in part on the conditions of image capture, associate said graphical object containing image data with said device profile, and transfer the graphical object and associated device profile from said imaging device to said processor to dynamically generate an automatic profile.

58. (Previously Presented) The system of claim 57 including a digital imaging device.

59. (Previously Presented) The system of claim 57 wherein said storage stores instructions that, if executed, enable said digital imaging device to store a portion of the associated file in a profile file, associate a file name with the profile, and communicate the file name to a color management system associated with said system.

60. (Previously Presented) The system of claim 59 wherein said storage stores instructions that, if executed, enable the digital imaging device to store a value representative of a color relation between an input color space and a profile color space.